DRILL HOLES

BORDER REV: DATE: June 1, 2004

NOTE:
MD 201 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNS

10 — River Rd / Tuckerman St (ST 5700 >) — D3-2 Variable x 32"

11 — River Rd / Tuckerman (ST 5700) — D3-2 Variable x 32"

14 — ONLY — R3-5L 30" x 36"

15 — R3-6(MOD) 30" x 36"

16 — ONLY — R3-5R 30" x 36"

12,13 — Tuckerman (< ST 5700) / River Rd — D3-2 Variable x 32"

PROPOSED SIGNS

17 — SOUTH, MARYLAND 201 — M3-4 24" x 12", M1-5 30" x 24", M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

18 — NORTH, MARYLAND 201 — M3-2 30" x 15", M1-5 48" x 36", M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

19 — NORTH, MARYLAND 201 — M3-2 24" x 12", M1-5 30" x 24", M6-1 21" x 15" — ASSOCIATED SHIELD ASSEMBLY 30" x 51"

20 — SOUTH, MARYLAND 201 — M3-4 30" x 15", M1-5 48" x 36", M6-1 30" x 24" — ASSOCIATED SHIELD ASSEMBLY 48" x 75"

PROPOSED SIGNALS

1 — 12"/8" LED
2 — 12" LED
3-5,7,9 — 12" LED
6,8 — 12" LED

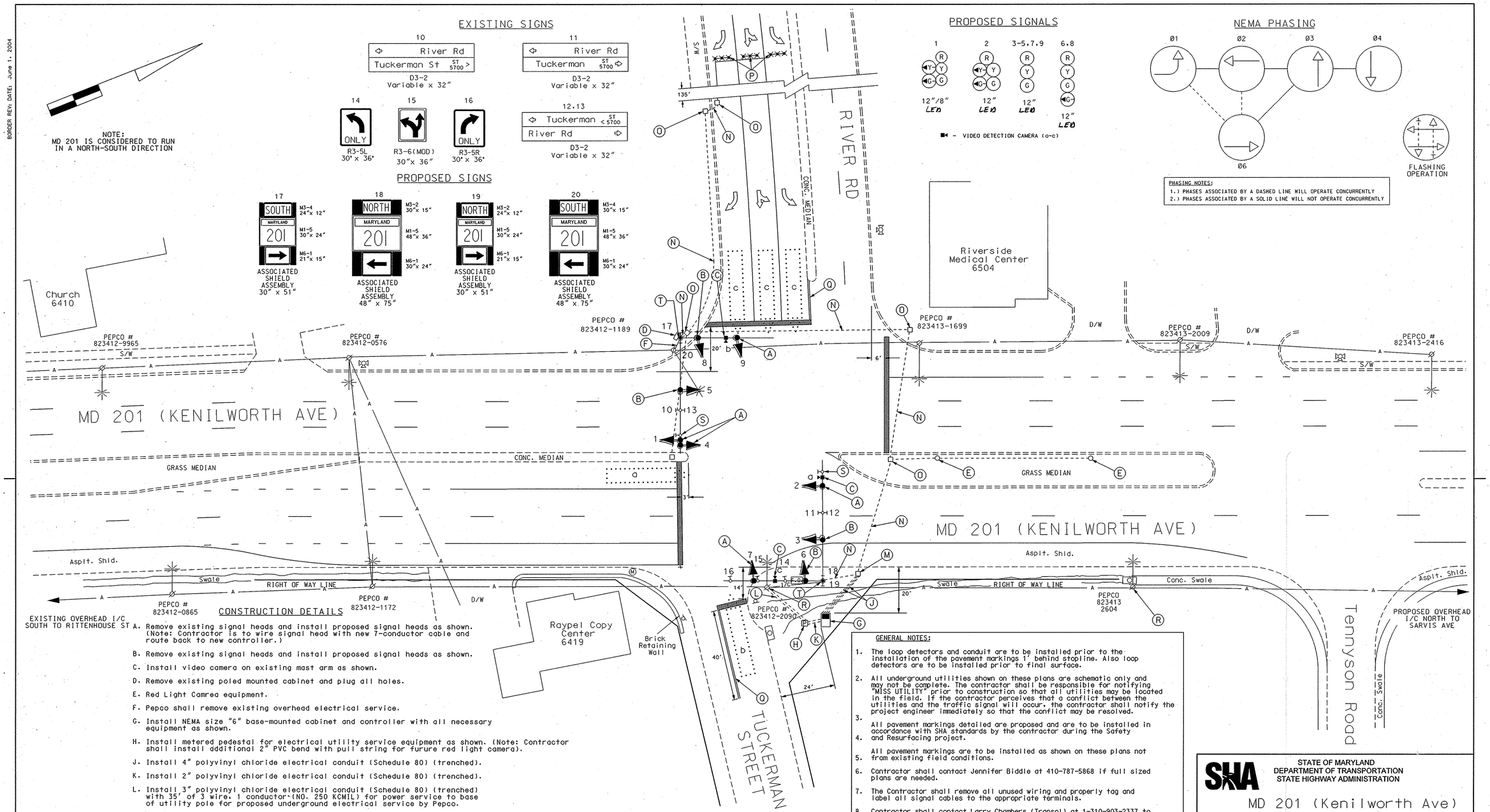
VIDEO DETECTION CAMERA (a-c)

NEMA PHASING

Ø1 Ø2 Ø3 Ø4 Ø6

FLASHING OPERATION

PHASING NOTES:
1.) PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2.) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Remove existing signal heads and install proposed signal heads as shown. (Note: Contractor is to wire signal head with new 7-conductor cable and route back to new controller.)

B. Remove existing signal heads and install proposed signal heads as shown.

C. Install video camera on existing mast arm as shown.

D. Remove existing poled mounted cabinet and plug all holes.

E. Red Light Camrea equipment.

F. Pepco shall remove existing overhead electrical service.

G. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.

H. Install metered pedestal for electrical utility service equipment as shown. (Note: Contractor shall install additional 2" PVC bend with pull string for furure red light camera).

J. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

K. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).

L. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) with 35' of 3 wire, 1 conductor (NO. 250 KCMIL) for power service to base of utility pole for proposed underground electrical service by Pepco.

M. Contractor shall disconnect existing interconnect cable from existing pole mounted controller, pullback back from twin mast arm pole, reroute through existing handholes and conduit to this handhole as shown.

N. Use existing conduit.

O. Use existing handhole.

P. Install micro-probes with 1000' lead-in cable.

Q. Install 5" Double Yellow heat applied permanent preformed thermoplastic pavement marking.

R. Contractor shall remove existing interconnect cable from existing wood pole and use existing eye bolt to install proposed interconnect cable.

S. Contractor shall remove existing R10-12 overhead sign.

T. Install proposed shield assemblies on existing pole.

GENERAL NOTES:

1. The loop detectors and conduit are to be installed prior to the installation of the pavement markings 1' behind stopline. Also loop detectors are to be installed prior to final surface.
2. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
3. All pavement markings detailed are proposed and are to be installed in accordance with SHA standards by the contractor during the Safety and Resurfacing project.
4. All pavement markings are to be installed as shown on these plans not from existing field conditions.
5. Contractor shall contact Jennifer Biddle at 410-787-5868 if full sized plans are needed.
6. The Contractor shall remove all unused wiring and properly tag and label all signal cables to the appropriate terminals.
7. Contractor shall contact Larry Chambers (Transol) at 1-310-903-2337 to coordinate red light camera hookup to new cabinet.

GEOMETRIC LEGEND

PROPOSED
EXISTING

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE — A — A —
ELECTRIC — E — E —
TELEPHONE — T — T —
GAS — G — G —
SEWER — S — S —
WATER — W — W —
CABLE TV — TV — TV —

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 201 (Kenilworth Ave) and River Rd/Tuckerman St

STREET TRAFFIC STUDIES, LTD.
400 Crain Hwy. NW.
Glen Burnie, MD 21061
Ph (410) 590-5500
Fax (410) 590-6637

4831c.dgn D6-29

APPROVALS
ORIGINAL ON FILE
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
C — INSTALL NEW LOOPS, VIDEO DETECTION AND SIGNAL HEADS SHA NO.:PG661A21 — 6-20-05 — RRZ
B — RED LIGHT CAMERA INSTALLATION — 4-05
A — ASBUILT FOR RED LIGHT CAMERA INSTALLTION — 7-14-00 — RRZ

PLOTTED: $DATETIME$
FILE: $FILE$

SCALE 1"= 20' DATE April 22, 1993 CONTRACT NO. BW-565-802-312

DESIGNED BY J. Dirndorfer — COUNTY PRINCE GEORGE'S
DRAWN BY J. Dirndorfer — LOGMILE 16020104.38
CHECKED BY — TIMS NO. G936
F.A.P. NO. — TOD NO.

TS NO. 3324C | DRAWING NO. OF | SHEET NO. 3 OF 7